

IN THE CLAIMS (as amended & received by I.B. on Feb. 22, 1999):

Please amend the claims as follows:

Claim 7 (amended) ✓

Line 2, change "6," to --5,--;

Claim 8 (amended) ✓

Line 2, change "7" to --5--;

Claim 9 (amended) ✓

Line 2, change "8," to --5,--;

Claim 10 (amended) ✓

Line 2, change "8," to --5,--;

Claim 16 (amended) ✓

Line 2, change "15," to --14,--;

Claim 17 (amended) ✓

Line 2, change "16" to --14--;

Claim 18 (amended) ✓

Line 2, change "17," to --14,--;

Claim 19 (amended) ✓

Line 2, change "17," to --14,--;

Please add the following new claims:

-- 20. An image coding device as defined in claim 6, wherein the wavelet coding portion performs multiple times the subband decomposition process by selectively applying suitable filters for respective subbands.

21. An image coding device having a combination of plural coding modes selectable from claim 6 and having a plurality of selectively applicable coding modes, which further includes a flag generator for generating flags indicating respective coding modes and a control portion for controlling the coding device in a mode specified by the flag generated by the flag generating portion, wherein the management information generating portion generates management information including the flags generated by the flag generating portion.

22. An image coding device having a combination of plural coding modes selectable from claim 7 and having a plurality of selectively applicable coding modes, which further includes a flag generator for generating flags indicating respective coding modes and a control portion for controlling the coding device in a mode specified by the flag generated by the flag generating portion, wherein the management information generating portion generates management information including the flags generated by the flag generating portion.

23. An image coding device as defined in claim 6, wherein an ID generating portion for generating IDs for identifying respective tiles is further provided and the management information generating portion generates management information including the IDs generated by the ID generating portion.

24. An image coding device as defined in claim 7, wherein an ID generating portion for generating IDs for identifying respective tiles is further provided and the management

information generating portion generates management information including the IDs generated by the ID generating portion.

25. An image coding device as defined in claim 8, wherein an ID generating portion for generating IDs for identifying respective tiles is further provided and the management information generating portion generates management information including the IDs generated by the ID generating portion.

26. An image coding device as defined in claim 6, which further includes an ID generating portion for generating IDs for identifying respective tiles and an adjacent tile ID deciding portion for generating IDs of adjacent tiles around an objective tile to be coded by using ID information from the ID generating portion and tile information from the wavelet coding portion, wherein the management information generating portion generates management information including the IDs and the IDs of adjacent tile.

27. An image coding device as defined in claim 7, which further includes an ID generating portion for generating IDs for identifying respective tiles and an adjacent tile ID deciding portion for generating IDs of adjacent tiles around an objective tile to be coded by using ID information from the ID generating portion and tile information from the wavelet coding portion, wherein the management information generating portion generates management information including the IDs and the IDs of adjacent tile.

28. An image coding device as defined in claim 8, which further includes an ID generating portion for generating IDs for identifying respective tiles and an adjacent tile ID deciding portion for generating IDs of adjacent tiles around an objective tile to be coded by using ID information from the ID generating portion and tile information from the wavelet coding portion, wherein the management information generating portion generates management information including the IDs and the IDs of adjacent tile.

29. An image decoding device as defined in claim 15, wherein the wavelet decoding portion repeats multiple times the subband composition with use of filters changeable every iteration.

30. An image decoding device having a combination of plural decoding systems selectable from claim 15 and having plural decoding modes selectively applicable, which further includes:

a management information separating portion for separating management information necessary for decoding each tile and each subband from the input coded data;

a flag extracting portion for extracting from the management information a flag for specifying a decoding mode used for decoding the coded data from the management information; and

a control portion for controlling the decoding device to be activated in a decoding mode corresponding to the extracted flag.

31. An image decoding device having a combination of plural decoding systems selectable from claim 16 and having plural decoding modes selectively applicable, which further includes:

a management information separating portion for separating management information necessary for decoding each tile and each subband from the input coded data;

a flag extracting portion for extracting from the management information a flag for specifying a decoding mode used for decoding the coded data from the management information; and

a control portion for controlling the decoding device to be activated in a decoding mode corresponding to the extracted flag.

32. An image decoding device as defined in claim 15, which further includes a control portion for controlling inputting of coded data to the wavelet decoding portion according to ID information so as to decode only a tile having a specified ID by the wavelet decoding portion.

33. An image decoding device as defined in claim 16, which further includes a control portion for controlling inputting of coded data to the wavelet decoding portion according to ID information so as to decode only a tile having a specified ID by the wavelet decoding portion.

34. An image decoding device as defined in claim 17, which further includes a control portion for controlling inputting of coded data to the wavelet decoding portion according to ID information so as to decode only a tile having a specified ID by the wavelet decoding portion.

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